Appl. No. (to be assigned)
Amdt. dated November 25, 2003
Prelim. amdt. accompanying filing of CON pat. appl.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-46 (canceled)

Claim 47 (new): A method of operation for a navigation system comprising:

using a repository for geographic data, wherein the repository contains a plurality of pre-computed parcels of geographic data, wherein each of said parcels of geographic data corresponds to a separate one of a plurality of geographic sub-areas into which a geographic region is divided;

calculating a route from an origin to a destination; and

providing to a local memory from said repository a plurality of parcels corresponding to said geographic sub-areas said route passes through.

Claim 48 (new): The method of Claim 47 wherein said parcels of geographic data have a substantially uniform data size.

Claim 49 (new): The method of Claim 47 further comprising:

on a server, receiving a request for said route; and

sending to a client computing platform said parcels corresponding to said geographic sub-areas said route passes through to a client computing platform.

Claim 50 (new): The method of Claim 47 further comprising:

storing said provided parcels in a memory.

Claim 51 (new): The method of Claim 47 further comprising:

using data from said provided parcels to display a map.

Claim 52 (new): The method of Claim 47 further comprising:

using data from said provided parcels to explicate said route.

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Claim 53 (new): The method of Claim 47 further comprising:

using data from said provided parcels to find information about a point of interest based upon specified criteria.

Claim 54 (new): The method of Claim 53 wherein the specified criteria include location-based criteria.

Claim 55 (new): The method of Claim 47 wherein the repository includes a plurality of collections of geographic data, wherein each collection represents the entire geographic region, wherein each collection is organized into a plurality of parcels of a substantially uniform size, and wherein the parcels in one of said plurality of collections contains data that represents different attributes of the represented geographic features than the parcels in another of said plurality of collections.

Claim 56 (new): A navigation system comprising:

a repository for geographic data, wherein the repository contains pre-computed parcels of geographic data, wherein each of the pre-computed parcels of geographic data corresponds to a separate one of a plurality of geographic sub-areas into which a geographic region is divided;

a route calculation application that calculates a route from an origin to a destination; and

a geographic data providing application that provides to a local memory from said repository a plurality of parcels corresponding to said geographic sub-areas said route passes through.

Claim 57 (new): The navigation system of Claim 56 wherein said pre-computed parcels of geographic data have a substantially uniform data size.

Claim 58 (new): The navigation system of Claim 56 wherein said repository for geographic data and said geographic data providing application are associated with a server.

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Claim 59 (new): The navigation system of Claim 56 further comprising:

a route guidance application that uses data contained in said parcels from said local memory to provide maneuvering instructions for following said route.

Claim 60 (new): The navigation system of Claim 56 further comprising:

a map display application that uses data contained in said parcels from said local memory to provide a map of said route on a display.

Claim 61 (new): The navigation system of Claim 56 further comprising:

a positioning application that uses data contained in said parcels from said local memory to determine a position of a end user computing platform relative to roads represented by data contained in said parcels.

Claim 62 (new): The navigation system of Claim 56 further comprising:

a positioning application that uses data contained in said parcels from said local memory to determine whether an end user computing platform has departed from said route.

Claim 63 (new): The navigation system of Claim 62 wherein if said end user computing platform has departed from said route, said positioning application calculates a way back to said route using data contained in said parcels from local memory.

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Claim 64 (new): A method of operation for a navigation system comprising:

using a repository for geographic data, wherein the repository contains a plurality of parcels of geographic data, wherein each of said parcels contain routing data corresponding to a separate one of a plurality of geographic sub-areas into which a geographic region is divided;

calculating a route from an origin to a destination; and

providing to a local memory from said repository a plurality of parcels of routing data corresponding to geographic sub-areas located along said route.

Claim 65 (new): The method of Claim 64 further including:

using data from said parcels in said local memory to provide navigation-related features.